

IN THE CLAIMS

Kindly amend independent claims 1 and 8 as shown in the following claim listing:

1. (currently amended) An optical device comprising:

a container enclosing an insulating liquid (A) and a liquid responsive to an electric field (B), the insulating liquid (A) and the liquid responsive to an electric field (B) being immiscible and being in contact with each other via an interface (14) subject to unintended deformation due to exposure to an external electric field over time, at least one of the liquids (A; B) being at least partially placed in a light path through the container;

means for controlling an orientation of the interface (14);
and

means (100, 120, 140) for preventing the interface from an said exposure to an the external electric field to prevent said unintended deformation.

2. (original) An optical device as claimed in claim 1,
wherein the means for controlling an orientation of the interface comprise an electrode arrangement (2; 12) for controlling the shape of the interface (14) by means of a voltage.

3. (previously presented) An optical device as claimed in claim 1, wherein a surface is a part of a transparent end portion (4) of the container; the means for preventing the interface from an exposure to an external electric field comprise a conductive layer (100), the conductive layer (100) forming a part of the transparent end portion (4).

4. (original) An optical device as claimed in claim 3, wherein the means for controlling the orientation of the interface comprise an electrode (12) in contact with the liquid responsive to an electric field (B), the conductive layer (100) being conductively coupled to said electrode (12).

5. (previously presented) An optical device as claimed in claim 1, wherein the means for preventing the interface from an exposure to an external electric field comprise a Faraday cage (120, 140) surrounding the container.

6. (original) An optical device as claimed in claim 5, wherein the Faraday cage comprises a conductive coating (140) at least partially covering a further container (120).

7. (original) An optical device as claimed in claim 6,
wherein the further container (120) is at least partially
transparent.

8. (currently amended) An electronic device (1) including an
optical device comprising:

a container enclosing an insulating liquid (A) and a liquid
responsive to an electric field (B), the insulating liquid (A) and
the liquid responsive to an electric field (B) being immiscible and
being in contact with each other via an interface (14) subject to
unintended deformation due to exposure to an external electric
field over time, at least one of the liquids (A; B) being at least
partially placed in a light path through the container;

means (2; 12) for controlling an orientation of the interface
(14); and

means (60, 100) for preventing the interface from an said
exposure to an the external electric field to prevent said
unintended deformation;

driver circuitry (20) coupled to the means (2; 12) for
controlling an orientation of the interface (14); and

a power supply (30) for powering the driver circuitry (20).

9. (original) An electronic device (1) as claimed in claim 7, wherein the means (100) for preventing the interface from an exposure to an external electric field are coupled to a terminal of the power supply (30).

10. (previously presented) An electronic device (1) as claimed in claim 9, wherein said terminal is the ground.

11. (previously presented) An electronic device (1) as claimed in claim 8, wherein the means for preventing the interface from an exposure to an external electric field form a part of an arrangement (60) for shielding an electronic circuit (50) of the electronic device (1) from external radiation.

9. (original) An electronic device (1) as claimed in claim 7, wherein the means (100) for preventing the interface from an exposure to an external electric field are coupled to a terminal of the power supply (30).

10. (previously presented) An electronic device (1) as claimed in claim 9, wherein said terminal is the ground.

11. (previously presented) An electronic device (1) as claimed in claim 8, wherein the means for preventing the interface from an exposure to an external electric field form a part of an arrangement (60) for shielding an electronic circuit (50) of the electronic device (1) from external radiation.